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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments			
Section Nun	Section Number - 01330						
03-021	SECTION 01330 SUBMITTAL PROCEDURES	NASA request to add the following to Section 01330, paragraph 1.5.2 - "All required installation, Fabrication and Connection Drawings shall be submitted and approved prior to the start of work detailed on these drawings."	Add "All required installation, Fabrication and Connection Drawings shall be submitted and approved prior to the start of work detailed on these drawings" to Section 01330, paragraph 1.5.2.				
Submitted By:	CHIP JOHNSON						
Section Nun	nber - 01355						
03-050	SECTION 01355 ENVIRONMENTAL PROTECTION	Create new KSC Local shelf master specifications 01355 Environmental Protection.	Same as above.				
Submitted By:	CHIP JOHNSON						
Section Nun	nber - 01356						
03-051	SECTION 01356 STORM WATER POLLUTION PREVENTION MEASURES	Create new KSC Local shelf master specification for Section 01356 Storm Water Pollution Prevention Measures	Same as above.				
Submitted By:	CHIP JOHNSON						
Section Nun	nber - 01600						
01-005	01600 - PRODUCT REQUIREMENTS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 01600.				
Submitted By:	DICK KELL						
Section Nun	nber - 02515						
03-007	Section 02515 - WATER SYSTEMS	Section needs to be reviewed and updated	Perform Major Maintenance Review on Section 02515.				
Submitted By:	CHIP JOHNSON						

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
Section Nun	nber - 02635			
03-029	SECTION 02635 - STORM SEWERAGE	In NASA Master 02635, Storm Sewerage, Subpart 1.3, Section 02225 is referenced and the correct section number should be 02312, Excavation, Backfilling, and Compacting for Utilities.	Correct NASA Section 02635.	
Submitted By:	JO ANTHONY			
Section Nun	nber - 02810			
03-022	SECTION 02810 UNDERGROUND UTILITIES	NASA request to add the attached spec. 02810, UNDERGROUND UTILITIES to SpecsIntact.	Add NEW Section 02810 Underground Utilities to SpecsIntact Masters. Chip Johnson requested to change name of Section to Preinsulated Chilled Water Piping and Number Section 15180 per the CSI format.	
Submitted By:	CHIP JOHNSON			
03-028	SECTION 02810 - PREINSULATED CHILLED WATER PIPING	NASA request to add the attached spec 20820, Underground Utilities to SpecsIntact.	Add New Section 02810, Underground Utilities to SpecsIntact Masters. Chip Johnson requested to change name of Section to Preinsulated Chilled Water Piping and Number 15180 per the CSI Format.	
Submitted By:	CHIP JOHNSON			
Section Nun	nber - 03305			
02-017	SECTION 03305 - CAST-IN-PLACE CONTRETE	Environment Protection Agency (EPA) - Update Recycled Materials.	Edit changes; when changes have been approved, place the section on the web site for the NASA Facilities to review for comments.	
		Section has been reviewed for major maintenance.		
Submitted By:	SCOTT HAMPTON			
Section Nun	nber - 03470			
01-022	Section 03470 - TILT-UP PRECAST CONCRETE	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 03470.	
Submitted By:	DICK KELL			

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
Section Nur	nber - 05500			
01-027	05500 - METAL FABRICATIONS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 05500.	
Submitted By:	DICK KELL			
Section Nur	nber - 09920			
03-009	SECTION 09920 - ARCHITECTURAL PAINTING	Review section for Major Maintenance	Perform Major Maintenance Review on Section 09920.	
Submitted By:	CHIP JOHNSON			
Section Nur	nber - 09960			
01-034	09960 - HIGH PERFORMANCE COATINGS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 09960.	
Submitted By:	DICK KELL			
Section Nur	nber - 12485			
03-010	SECTION 12485 - ENTRANCE MATS	Review section for Major Maintenance.	Revise section for Major Maintenance.	
Submitted By:	CHIP JOHNSON			
Section Nur	nber - 13412			
01-036	13412-INSTRUMENTATION	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 13412.	
Submitted By:	DICK KELL			
Section Nur	nber - 15050			
03-023	SECTION 15050 BASIC MECHANICAL MATERIALS AND	NASA request to add "stainless Steel" to Section 15050, paragraph. 2.6.	Revise paragraph. 2.6 to read as follows: "Supporting elements exposed to weather shall be	
V- V	METHODS		hot-dip galvanized or stainless steel."	

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments		
Section Nun	nber - 15135					
01-047	15135 - CENTRIFUGAL PUMPS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 15135 .			
Submitted By:	DICK KELL					
Section Nun	nber - 15445					
01-051	15445 - SUMP PUMPS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 15445 .			
Submitted By:	DICK KELL					
Section Nun	nber - 15625					
01-054	15625 - CHILLED WATER AIR CONDITIONING	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 15625 .			
Submitted By:	DICK KELL					
Section Nun	nber - 15626					
01-055	15626 - CENTRIFUGAL WATER CHILLERS	Section needs to be reviewed and updated.	Revise section for Energy Efficiency compliance.			
Submitted By:	DICK KELL					
Section Nun	Section Number - 15675					
01-057	15675 - AIR-COOLED CONDENSERS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 15675.			
Submitted By:	DICK KELL					

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
Section Nun	nber - 15720			
03-024	SECTION 15720 AIR HANDLING UNITS	NASA request to make adds and changes to Section 15720 - See NASA MASTER TEXT ENGINEERING REVIEW COMMENTS	Revise paragraphs to reflect NASA requested adds and changes.	
Submitted By:	CHIP JOHNSON			
03-027	SECTION 15720 - AIR HANDLING UNITS	NASA request to make adds and changes to Section 15720 - See NASA MASTER TEXT ENGINEERING REVIEW COMMENTS.	Revise paragraphs to reflect NASA requested adds and changes.	
Submitted By:	CHIP JOHNSON			
Section Num	ıber - 15815			
03-025	SECTION 15815 LOW PRESSURE DUCTWORK	NASA request to delete references to "Fibrous-Glass Ductwork" in Section 15815.	Delete References to "Fibrous-Glass Ductwork."	
Submitted By:	CHIP JOHNSON			
Section Num	nber - 15840			
03-026	SECTION 15840 AIR TERMINAL UNITS	NASA request to make adds and changes to Section 15840 -See NASA MASTER TEXT ENGINEERING REVIEW COMMENTS.	Revise paragraphs to reflect NASA requested adds and changes.	
Submitted By:	CHIP JOHNSON			
Section Num	ıber - 15902			
01-069	15902 - CONTROL SYSTEMS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 15902 .	
Submitted By:	DICK KELL			
Section Num	ıber - 16003			
03-015	SECTION 16003 - GENERAL ELECTRICAL PROVISIONS	Review section for comments	Update section for review comments.	
Submitted By:	CHIP JOHNSON			

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
Section Nun	nber - 16121			
01-074	16121 - FIBER OPTIC CABLE	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16121 .	
Submitted By:	DICK KELL			
Section Nun	ıber - 16124			
01-002	16124 -Medium Voltage Cable	Incorporate redlines as indicated on section.		
Submitted By:	ERNIE CAMACHO			
01-075	16124 - MEDIUM VOLTAGE CABLE	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16124.	
Submitted By:	DICK KELL			
Section Nun	ıber - 16145			
01-077	16145 - STANDARD WIRING SYSTEMS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16145 .	
Submitted By:	DICK KELL			
Section Nun	ıber - 16225			
03-042	SECTION 16225 - MOTORS	Comments received from Langley Research Center in response to 16225 previously posted for review.		
Submitted By:	CHIP JOHNSON			
03-049	SECTION 16225 - MOTORS	2.7 - Paragraph defining motors installed in hazardous locations specifies motor to be "totally enclosed." This does match NEC requirements. NEC does not require totally enclosed for Division 2 locations. Please review.	Edit recommended changes then place on web for NASA Facilities to review.	
		3.3 - Recommend that NETA testing be conducted and omit paragraph: "Test data shall and shall."		
Submitted By:	ROBERT SUHAY			

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Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
nber - 16276			
16276 - MEDIUM VOLTAGE TRANSFORMERS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16276.	
DICK KELL			
nber - 16286			
16286 - OVERCURRENT PROTECTIVE DEVICES	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16286.	
DICK KELL			
ıber - 16325			
16325 - LOAD-BREAK SWITCHES	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16325 .	
DICK KELL		·	
nber - 16326			
SECTION 16326, "AIR-BREAK SWITCHES" NEEDS MAJOR MAINTENANCE PERFORMED	Sections in NASA DB need periodic review and updating	Perform Major Maintenance Review on Section 16326.	
CARL SMILDSIN			
nber - 16328			
16328 - LOAD BREAK SF6 GAS SWITCHES	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16328.	
DICK KELL			
ıber - 16365			
16365 - PRIMARY UNIT SUBSTATION	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16365.	
	nber - 16276 16276 - MEDIUM VOLTAGE TRANSFORMERS DICK KELL nber - 16286 16286 - OVERCURRENT PROTECTIVE DEVICES DICK KELL nber - 16325 16325 - LOAD-BREAK SWITCHES DICK KELL nber - 16326 SECTION 16326, "AIR-BREAK SWITCHES" NEEDS MAJOR MAINTENANCE PERFORMED CARL SMILDSIN nber - 16328 16328 - LOAD BREAK SF6 GAS SWITCHES DICK KELL nber - 16365 16365 - PRIMARY UNIT	nber - 16276 16276 - MEDIUM VOLTAGE TRANSFORMERS DICK KELL nber - 16286 16286 - OVERCURRENT PROTECTIVE DEVICES DICK KELL nber - 16325 16325 - LOAD-BREAK SWITCHES DICK KELL nber - 16326 Section needs to be reviewed and updated. Sections in NASA DB need periodic review and updating Sections in NASA DB need periodic review and updating Section needs to be reviewed and updated. Sections in NASA DB need periodic review and updating Section needs to be reviewed and updated. Section needs to be reviewed and updated.	hber - 16276 16276 - MEDIUM VOLTAGE TRANSFORMERS DICK KELL Section needs to be reviewed and updated. Perform Major Maintenance Review on Section 16276. Perform Major Maintenance Review on Section 16276. Perform Major Maintenance Review on Section 16286. Perform Major Maintenance Review on Section 16325 - LOAD-BREAK SWITCHES Section needs to be reviewed and updated. Perform Major Maintenance Review on Section 16325 - LOAD-BREAK SWITCHES Section in NASA DB need periodic review and updated. Perform Major Maintenance Review on Section 16326. Perform Major Maintenance Review on Section 16326. Perform Major Maintenance Review on Section 16328. Perform Major Maintenance Review on Section 16328.

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1620 ID	Title of Prob/Requirements	Explanation of Problem/Requirement	Submitter's Recommendation	Engineering Comments
Section Nur	nber - 16366			
01-092	16366 - SECONDARY UNIT SUBSTATION	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16366.	
Submitted By:	DICK KELL			
Section Nur	nber - 16446			
01-094	16446 - PANELBOARDS	Section needs to be reviewed and updated.	Perform Major Maintenance Review on Section 16446.	
Submitted By:	DICK KELL			
Section Nur	nber - ALL SEC			
02-027	English and Metric Units	Currently, all NASA Master Text Sections consist of English Units followed by Metric Units.	I recommend that since NASA is starting to do Major Maintenance to their NASA Master Text Sections, I suggest that they reverse the English/Metric units to Metric/English units.	
		Currently, all UFGS Master Text Sections consist of Metric Units followed by English Units.		
		When NASA joins UFGS, their sections will not be consistent with UFGS Sections.		
Submitted By:	MARTHA MULLER			

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